

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Marc DYMETMAN et al.

Application No.:

10/727,614

Filed: December 5, 2003

Docket No.: 115798

For:

SYSTEMS AND METHODS FOR SEMANTIC STENOGRAPHY

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- $\boxtimes$ This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- $\boxtimes$ 2. English-language Abstracts of the non-English language references are attached hereto.
- $\bowtie$ The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

Respectfully submitted,

Registration No. 27,075

JAO:PFD/can

Date: April 30, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400

Paul F. Daebeler Registration No. 35,852

> **DEPOSIT ACCOUNT USE AUTHORIZATION** Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 24-0037

O1PE

Sheet 1 of 3

Form PTO-1449 (REV. 8-83)	US Dept. of Comittee PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 115798			APPLICATION NO. 10/727,614			
INFORMATION DISCLOSURE STATEMENT									
(Use several sheets if necessary)			APPLICANT(S) Marc DYMETMAN et al.						
			FILING I			GROUP			
		PATE	ENT DOCU	MENTS					
EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME			CLASS	SUB CLASS	
	6,345,243	2/20	002	Clark					
	5,477,451	12/1	1995	Brown et al.					
	5,426,583	6/19	95	Uribe-Echebarria Diaz I	De Mendibi	1			
	6,349,203	2/20	002	Asaoka et al.					
	6,091,956	7/20	000	Hollenberg				· · · · · · · · · · · · · · · · · · ·	
	6,424,829	7/20	002	Kraft				-	
	5,991,711	11/1999		Seno et al.					
	5,606,498	2/19	997	Maruta et al.		·			
	2002/0089470 A1	7/20	002	Raman et al.					
	6,041,292	3/20	000	Jochim					
	5,466,072	11/1	1995	McCready	•				
	4,893,238	1/19	990	Venema					
····	FOREIG	N PA	TENT DO	CUMENTS					
	DOCUMENT NUMBER	]	DATE	COUNTRY			CLASS	SUB CLASS	
	WO 93/22733	11/1	1993	PCT					
	WO 95/17729	6/19	95	PCT					
	OTHER DOCUMENTS (Inc	ludin	g Author,	Title, Date, Pertinent Pages	s, etc.)				
	M. DALRYMPLE et al., "Tools for Morphological Analysis", Center for the Study of Languages and Information, Report No. CSLI-87-108, September 1987.								
	Lyucho User's Guide, Fuji Xerox, pp. 4	12-82							
	"New Lyucho CF includes Sign Langu	"New Lyucho CF includes Sign Language" and "New Ads for Able Series"							
	I. MELCUK et al., "A Formal Lexicon in the Meaning-Text Theory (or How to Do Lexica with Words),", Computational Linguistics, Vol. 13, Nos. 3-4, July-December 1987, pp. 261-275.								
	G. MILLER, "WordNet: A Lexical Dapp. 39-41.	tabas	e for Englis	sh," Communications of th	e ACM, Vo	ol. 38, N	No. 11, Nov	ember 1995,	
	J. COCH, "Evaluating and Comparing Three-Text Production Techniques", Proceedings COLING, pp. 249-254 (1996).								
EXAMINER					DATE CO	NSIDE	ERED		
Examiner: Initia	al if citation considered, whether or not citormance and not considered. Include copy o	tation	is in con	formance with M.P.E.P. (	509; draw	line th	rough citati	on if not in	

Date: April 30, 2004

Sheet	2	of	3	
Ciicci	_	O.		

Form PTO-1449 (REV. 8-83)		US Dept. of Commerc PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 115798			APPLICATION NO. 10/727, 614		
INFORMATION DISCLOSURE STATEMENT									
(Use several sheets if necessary)		APPLICANT(S) Marc DYMETMAN et al.							
				FILING DATE GROUP December 5, 2003					
		U.S.	PATI	ENT DOCU	JMENTS			-	
EXAMINER INITIAL		DOCUMENT NUMBER	]	DATE NAME				CLASS	SUB CLASS
		Re 33,337	9/19	990	Lefler et al.				
		4,858,170	8/19	989	DeWick, Sr. et al.				
<u>-</u>		4,566,065	1/19	986	Toth				
		4,632,578	12/	1986	Cuff et al.				
		4,041,467	8/19	977	Cota et al.				
		FOREIC	3N P/	ATENT DO	CUMENTS				
		DOCUMENT NUMBER	]	DATE	COUNTR	COUNTRY		CLASS	SUB CLASS
		JP-A-1-222367 (w/Abstract)	9/19	989	Japan				
OTHER DOCUMENTS (Includi			cludin	ng Author,	Γitle, Date, Pertinent Pages	s, etc.)		, -	
	A. RANTA, "A Functional Framework for Grammars," 1998.								
		A. RANTA, "Grammatical Framework Implementation and Interfaces," 1999.							
		A. RANTA, "Grammatical Framework Syntax and Semantics," 1999.							
		A. RANTA, "Grammatical Framework Tutorial," 1999.							
		B. BAKER, "Semantic Compaction for Sub-Sentence Vocabulary Units Compared to Other Encoding and Prediction Systems", Minspeak Corporation., In Proceedings of the 10 <sup>th</sup> Conference on Rehabilitation Technology, pages 118-120, RESNA, San Jose, CA (1984).							
-		A. CARLBERGER et al., "Profet, A N	lew G	Generation o	f Word Prediction: An Eva	aluation Stu	ıdy", pp	. 23-28, 19	97.
		R. POWER et al., "Multilingual Authoring Using Feedback Texts", Computational Linguistics, pp. 1053-1059, 1998.							
		R. POWER et al., "Multilingual Authoring Using Feedback Texts", <u>Information Technology Research Institute Technical Report Series</u> , pp. 1053-1059, August 1998.							
		A. MAX,, Normalisation de Documents par Analyse du Contenu à l'Aide d'un Modèle Sémantique et d'un Générateur, in the Proceedings of TALN-RECITAL, Nancy, France, 2002.							
				_				-	
						, -			
							,		
							-		
EXAMINER						DATE CO	NSIDE	ERED	
Examiner: Ini	itial if	citation considered, whether or not ci	tation of this	is in cont	formance with M.P.E.P. 6	609; draw	line thr	ough citation	on if not in

Date: April 30, 2004

Sheet	3	of	3
SHEEL	J	Oī	

Form PTO-1449 (REV. 8-83)		US Dept. of Commerc PATENT & TRADEMARK OFFICE					APPLICATION NO. 10/727,614		
INFORMATION DISCLOSURE STATEMENT									
(Use several sheets if necessary)			APPLICANT(S) Marc DYMETMAN et al.						
				FILING I	DATE		GRO	лР	
				Decembe					
	1	U.S.	PATEN	NT DOCU	JMENTS			<u> </u>	
EXAMINER INITIAL		DOCUMENT NUMBER	D.	ATE	NAMI	E		CLASS	SUB CLASS
	<u> </u>								
		FOREIC	GN PAT	TENT DO	CUMENTS		1		
		DOCUMENT NUMBER	D.	ATE	COUNTI	RY		CLASS	SUB CLASS
		EP 0610151A1	8/199	94	Europe				
		OTHER DOCUMENTS (Inc	cluding	Author,	Title, Date, Pertinent Page	es, etc.)			
		A. MAX, "Reversing Controlled Document Authoring to Normalize Documents", in the Proceedings of the EACL'03 Student Research Workshop, Budapest, Hungary, 2003, pp. 33-40.							
		A. MAX et al., "Document Content Analysis Through Inverted Generation", in AAAI 2002 Spring Symposium on Using (and Aquiring) Linguistic (and World) Knowledge for Information Access, Stanford University, US, pp. 33-40, 2002.							
		M. DYMETMAN et al., "XML and Multilingual Document Authoring: Convergent Trends"., in Proceedings COLING 2000, pages 243-249, Saarbrücken, August 2000.							
		C. BRUN et al., "Document Structure and Multilingual Authoring", Proceedings of First International Conference on Language Generation, (INGL'2000), Mitzpe Ramon Israël, 2000.							
		Game Commander, Product Q&A, http://www.gamecommander.com/products/pfaq.html, June 2003, p. 1-4.							
		D. ROSENTHAL et al., Voice-Enabled, Structured Medical Reporting, January/February 1998 (Vol. 13, No. 1) web page summary (one page)							
	1	D. ROSENTHAL et al., Voice-Enabled, Structured Medical Reporting, January/February 1998 (Vol. 13, No. 1) p. 70-73.							p. 70-73.
		Webpage of "Le Pipotron": http://www.rigoler.com/jeux/pipotron/pipotron, pp. 1-3, June 2003.							
		Windi Translation Help Manual, Helio	os Editi	ons, Belg	ium.			•	
		A. RANTA, "Grammatical Framework: A Type-Theoretical Grammar Formalism", Department of Computing Science, pp. 1-41, 2003.							
	1	Foster et al., TransType: Text Prediction	on for T	Translator ( )	s, RALI, Université de M	ontréal, (20	002).		
	1	U.S. Patent Application 10/739,178, fi	iled De	cember 1	9, 2003.			-	
		Christopher D. Manning and Hinrich Schütze, Foundations of Statistical Natural Language Processing, Chapter 15, MIT Press 1999.							
	-								<del> </del>
	-	Matt Ginnsberg, Essentials of Artificial Intelligence, Chapter 4, Morgan Kaufmann, 1993.							
EVALORED	.l	U.S. Patent Application Serial No. 10/	065,44	3 "Systen	n for Learning a Language				
EXAMINER						DATE CO	ONSIDI	ERED	
Examiner: I	nitial if	citation considered, whether or not ciance and not considered. Include copy of	tation of this f	is in con form with	formance with M.P.E.P. next communication to ap	609; draw	line th	rough citati	on if not in

Date: April 30, 2004